

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
September
2005

Arnold Schwarzenegger
Governor
State of California

Mike Chrisman
Secretary for Resources
The Resources Agency

Lester A. Snow
Director
Department of Water Resource

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://wwwoco.water.ca.gov>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Rewvisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of the publication date.
It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of September 2005.

Statewide precipitation was 140 percent of average for the 2004-2005 water year as of September 30. September 30 marks the end of the operational water year. Statewide runoff was 105 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: <http://cdec.water.ca.gov/snow-rain.html>.

On September 30, total storage in major SWP reservoirs was about 4.42 MAF, compared with about 2.91 MAF at this time in 2004. The average storage in the major SWP reservoirs at the end of September was about 4.2 MAF. The September 30 storage at Lake Oroville was about 3.256 MAF as compared to 1.75 MAF at this time last year. The State's share of San Luis Reservoir storage was about 926 TAF, as compared with 409 TAF at this time last year. On September 30, the combined storage in our southern reservoirs was about 621 TAF, compared with about 650 TAF at this time last year.

There were 5 earthquakes documented by DWR near Project facilities during the month of September. Four earthquakes ranged in magnitude from 3.8 to 4.6. The largest, magnitude 5.0, occurred on September 22. No facilities were found to be in need of inspection.

Through September, SWP water deliveries for 2005 were about 3.96 MAF. This is a combination of project, transfer, and exchange waters. This is 146 TAF more than was delivered during the same period in 2004.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of September.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Aug 31	4998.09	19,090									
1	4998.02	19,031	-59	20	0	0	0	5	25	-5	
2	4997.95	18,972	-59	20	0	0	0	5	25	-5	
3	4997.88	18,913	-59	20	0	0	0	5	25	-5	
4	4997.82	18,863	-50	20	0	0	0	5	25	0	
5	4997.75	18,804	-59	20	0	0	0	5	25	-5	
6	4997.68	18,745	-59	20	0	0	0	5	25	-5	
7	4997.62	18,695	-50	20	0	0	0	5	25	0	
8	4997.56	18,645	-50	20	0	0	0	5	25	0	
9	4997.52	18,612	-33	20	0	0	0	5	25	8	
10	4997.51	18,603	-9	20	0	0	0	5	25	20	
11	4997.44	18,545	-58	20	0	0	0	5	25	-4	
12	4997.39	18,504	-41	20	0	0	0	5	25	4	
13	4997.32	18,446	-58	20	0	0	0	5	25	-4	
14	4997.26	18,396	-50	20	0	0	0	6	26	1	
15	4997.20	18,346	-50	20	0	0	0	6	26	1	
16	4997.14	18,297	-49	20	0	0	0	6	26	1	
17	4997.08	18,248	-49	20	0	0	0	6	26	1	
18	4997.02	18,198	-50	20	0	0	0	6	26	1	
19	4996.96	18,149	-49	20	0	0	0	6	26	1	
20	4996.90	18,100	-49	20	0	0	0	6	26	1	
21	4996.84	18,051	-49	20	0	0	0	6	26	1	
22	4996.79	18,010	-41	20	0	0	0	6	26	5	
23	4996.72	17,953	-57	20	0	0	0	6	26	-3	
24	4996.66	17,904	-49	20	0	0	0	6	26	1	
25	4996.61	17,863	-41	20	0	0	0	6	26	5	
26	4996.56	17,823	-40	20	0	0	0	6	26	6	
27	4996.53	17,798	-25	20	0	0	0	6	26	13	
28	4996.52	17,790	-8	20	0	0	0	6	26	22	
29	4996.46	17,742	-48	20	0	0	0	6	26	2	
30	4996.42	17,709	-33	20	0	0	0	6	26	9	
Total cfs-days				---	600	0	0	167	767	71	
Total ac-ft				-1,381	1,190	0	0	331	1,521	140	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right				
Aug 31	5564.87	26,018								
1	5564.88	26,028	10	1	10	0	0	5	16	
2	5564.83	25,979	-49	1	10	0	0	5	16	
3	5564.78	25,929	-50	1	10	0	0	5	16	
4	5564.78	25,929	0	1	10	0	0	5	16	
5	5564.77	25,919	-10	1	10	0	0	5	16	
6	5564.70	25,851	-68	1	14	0	0	5	20	
7	5564.72	25,870	19	1	16	0	0	5	22	
8	5564.70	25,870	0	1	10	0	0	5	16	
9	5564.65	25,802	-68	1	10	0	0	6	17	
10	5564.73	25,880	78	1	10	0	0	6	17	
11	5564.73	25,880	0	1	10	0	0	6	17	
12	5564.75	25,900	20	1	8	0	0	6	15	
13	5564.63	25,782	-118	1	18	0	0	6	25	
14	5564.62	25,772	-10	1	18	0	0	6	25	
15	5564.59	25,743	-29	1	18	0	0	6	25	
16	5564.61	25,762	19	1	7	0	0	6	14	
17	5564.58	25,733	-29	1	7	0	0	6	14	
18	5564.55	25,704	-29	1	7	0	0	6	14	
19	5564.50	25,655	-49	1	7	0	0	6	14	
20	5564.46	25,616	-39	1	7	0	0	6	14	
21	5564.49	25,645	29	1	7	0	0	6	14	
22	5564.41	25,567	-78	1	7	0	0	6	14	
23	5564.34	25,498	-69	1	5	0	0	6	12	
24	5564.33	25,489	-9	1	5	0	0	6	12	
25	5564.29	25,450	-39	1	5	0	0	6	12	
26	5564.23	25,391	-59	1	9	0	0	6	16	
27	5564.20	25,362	-29	1	13	0	0	6	20	
28	5564.11	25,275	-87	1	13	0	0	6	20	
29	5564.13	25,294	19	1	12	0	0	6	19	
30	5564.08	25,246	-48	1	11	0	0	6	18	
Total cfs-days				---	30	304	0	0	172	
Total ac-ft				-772	60	603	0	0	342	
									1,004	
									232	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Aug 31	5766.33	53,342								
1	5766.31	53,280	-62	7	0	3	0	21	31	
2	5766.28	53,186	-94	7	0	3	0	21	31	
3	5766.24	53,062	-124	7	0	3	0	21	31	
4	5766.23	53,030	-32	7	0	3	0	21	31	
5	5766.20	52,937	-93	8	0	3	0	21	31	
6	5766.20	52,937	0	8	0	2	0	21	31	
7	5766.17	52,844	-93	8	0	2	0	21	31	
8	5766.14	52,751	-93	8	0	2	0	21	31	
9	5766.13	52,720	-31	8	0	2	0	21	31	
10	5766.17	52,844	124	8	0	2	0	22	32	
11	5766.19	52,906	62	8	0	2	0	22	32	
12	5766.17	52,844	-62	8	0	2	0	22	32	
13	5766.13	52,720	-124	8	0	2	0	22	32	
14	5766.12	52,689	-31	8	0	2	0	22	32	
15	5766.10	52,627	-62	8	0	2	0	22	32	
16	5766.06	52,503	-124	8	0	2	0	22	32	
17	5766.05	52,472	-31	9	0	1	0	22	32	
18	5766.03	52,411	-61	9	0	1	0	22	32	
19	5766.01	52,349	-62	9	0	1	0	22	32	
20	5765.99	52,287	-62	6	0	4	0	22	32	
21	5765.97	52,225	-62	6	0	4	0	22	32	
22	5765.95	52,164	-61	6	0	4	0	22	32	
23	5765.94	52,133	-31	6	0	4	0	22	32	
24	5765.90	52,010	-123	6	0	4	0	22	32	
25	5765.88	51,949	-61	6	0	4	0	22	32	
26	5765.87	51,918	-31	6	0	4	0	22	32	
27	5765.87	51,918	0	6	0	4	0	21	31	
28	5765.86	51,887	-31	6	0	4	0	21	31	
29	5765.84	51,826	-61	6	0	4	0	21	31	
30	5765.82	51,764	-62	6	0	4	0	21	31	
Total cfs-days			---	217	0	83	0	647	947	
Total ac-ft			-1,578	431	0	164	0	1,283	1,878	
									300	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537, 580 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow						Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Deliveries to Lime Saddle Marina	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Aug 31	866.25	3,032,324									
	1	865.66	3,023,979	-8,345	13,812	34	0	444	0	14,290	0
	2	865.39	3,020,165	-3,814	10,768	34	0	315	0	11,117	0
	3	865.25	3,018,189	-1,976	7,240	34	0	380	0	7,654	0
	4	865.10	3,016,073	-2,116	7,015	34	0	342	0	7,391	0
	5	864.79	3,011,702	-4,371	9,288	34	0	285	0	9,607	0
	6	864.10	3,001,992	-9,710	12,923	34	0	342	0	13,299	0
	7	863.77	2,997,356	-4,636	9,838	34	0	303	0	10,175	0
	8	863.73	2,996,794	-562	5,886	34	0	275	0	6,195	0
	9	863.76	2,997,215	421	5,030	34	0	228	0	5,292	0
	10	864.06	3,001,430	4,215	3,012	34	0	228	0	3,274	0
	11	864.10	3,001,992	562	4,160	34	0	237	0	4,431	0
	12	863.67	2,995,952	-6,040	11,976	34	0	247	0	12,257	0
	13	863.11	2,988,098	-7,854	11,072	34	0	245	0	11,351	0
	14	862.36	2,977,602	-10,496	14,142	34	0	227	0	14,403	0
	15	861.82	2,970,061	-7,541	12,713	34	0	198	0	12,945	0
	16	861.16	2,960,863	-9,198	14,690	34	0	188	0	14,912	0
	17	861.06	2,959,471	-1,392	5,399	34	0	206	0	5,639	0
	18	860.98	2,958,358	-1,113	5,899	34	0	216	0	6,149	0
	19	860.34	2,949,463	-8,895	12,773	36	0	253	0	13,062	0
	20	859.78	2,941,695	-7,768	12,747	34	0	346	0	13,127	0
	21	859.29	2,934,909	-6,786	12,747	34	0	308	0	13,089	0
	22	858.79	2,927,997	-6,912	13,088	34	0	280	0	13,402	0
	23	858.10	2,918,478	-9,519	12,714	34	0	280	0	13,028	0
	24	858.16	2,919,305	827	4,150	34	0	232	0	4,416	0
	25	858.09	2,918,341	-964	5,954	34	0	446	0	6,434	0
	26	857.66	2,912,419	-5,922	10,919	34	0	306	0	11,259	0
	27	857.18	2,905,819	-6,600	13,144	34	0	149	0	13,327	756
	28	856.39	2,894,980	-10,839	16,403	34	0	241	0	16,678	660
	29	855.87	2,887,861	-7,119	13,520	34	0	371	0	13,925	542
	30	855.13	2,877,751	-10,110	13,700	34	0	323	0	14,057	0
Total				-154,573	306,722	1,010	0	8,441	0	316,177	1,958
											159,646

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

September 2005

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County 4/	Thermalito Irrigation District	Releases To River 5/	Hyatt Powerplant Pumpback	
Aug 31	23,682										
1	23,936	254	13,812	512	0	12,722	1	11	1,255	0	-81
2	23,884	-52	10,768	505	0	9,982	1	11	1,257	0	-74
3	23,830	-54	7,240	508	0	6,442	1	11	1,259	0	-89
4	23,773	-57	7,015	425	0	6,109	1	11	1,255	0	-121
5	23,665	-108	9,288	514	0	8,636	1	11	1,261	0	-1
6	23,559	-106	12,923	514	0	12,120	1	11	1,261	0	-150
7	23,900	341	9,838	513	0	9,096	1	10	1,255	0	352
8	23,737	-163	5,886	513	0	5,088	1	10	1,356	0	-107
9	24,191	454	5,030	512	0	3,932	1	10	1,245	0	100
10	23,865	-326	3,012	506	0	2,556	1	10	1,247	0	-30
11	23,807	-58	4,160	513	0	3,408	1	11	1,245	0	-66
12	23,964	157	11,976	512	0	10,990	1	10	1,243	0	-87
13	23,826	-138	11,072	512	0	10,348	1	10	1,245	0	-118
14	23,937	111	14,142	512	0	13,283	1	11	1,245	0	-3
15	23,951	14	12,713	512	0	11,866	1	11	1,247	0	-86
16	24,013	62	14,690	509	0	13,750	1	10	1,249	0	-127
17	24,057	44	5,399	505	0	4,510	1	11	1,253	0	-85
18	23,912	-145	5,899	445	0	5,168	1	11	1,249	0	-60
19	23,500	-412	12,773	0	0	11,983	1	10	1,251	0	60
20	23,505	5	12,747	0	0	11,608	1	10	1,253	0	130
21	23,265	-240	12,747	0	0	12,134	1	10	1,249	0	407
22	23,634	369	13,088	0	0	11,437	1	11	1,247	0	-23
23	22,835	-799	12,714	0	0	11,983	1	10	1,259	0	-260
24	24,247	1,412	4,150	0	0	1,590	1	11	1,251	0	115
25	23,707	-540	5,954	0	0	5,405	0	11	1,255	0	177
26	24,475	768	10,919	0	0	9,835	1	10	1,251	0	946
27	24,453	-22	13,144	0	0	11,192	1	11	1,251	756	45
28	24,228	-225	16,403	0	0	14,720	1	11	1,249	660	13
29	23,829	-399	13,520	0	0	11,930	1	10	1,249	542	-187
30	23,628	-201	13,700	102	0	12,466	1	10	1,471	0	-55
Total		-54	306,722	9,144	0	276,289	29	316	37,863	1,958	535

1/ Sum of Thermalito Forebay and Diversion Pool.

4/ Includes 5 AF of entitlement water to Del Oro WD and 24 AF to Cal Water.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

5/ The sum of the flows from fish barrier dam and the fish hatchery.

3/ Includes Bypass flows at Thermalito.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Aug 31	134.25	47,711										
1	134.89	50,290	2,579	12,722	2,479	24	490	875	6,744	0	469	7,999
2	134.74	49,680	-610	9,982	2,460	12	438	768	6,744	0	-170	8,001
3	133.83	46,050	-3,630	6,442	2,341	5	383	688	6,744	0	89	8,003
4	132.87	42,349	-3,701	6,109	2,241	3	367	645	6,744	0	190	7,999
5	132.56	41,185	-1,164	8,636	2,162	2	369	631	6,744	0	108	8,005
6	133.19	43,567	2,382	12,120	2,103	2	365	605	6,744	0	81	8,005
7	133.00	42,842	-725	9,096	2,083	1	343	571	6,744	0	-79	7,999
8	131.91	38,792	-4,050	5,088	1,930	0	329	536	6,744	0	401	8,100
9	130.39	33,460	-5,332	3,932	1,795	0	319	480	6,744	0	74	7,989
10	128.37	26,951	-6,509	2,556	1,694	0	278	440	6,744	0	91	7,991
11	126.49	21,497	-5,454	3,408	1,642	0	260	438	6,744	0	222	7,989
12	127.27	23,688	2,191	10,990	1,630	0	266	417	6,744	0	258	7,987
13	127.83	25,324	1,636	10,348	1,587	0	214	337	6,744	0	170	7,989
14	129.34	29,993	4,669	13,283	1,553	0	202	258	6,764	0	163	8,009
15	130.36	33,358	3,365	11,866	1,496	0	188	214	6,744	0	141	7,991
16	131.98	39,047	5,689	13,750	1,438	0	180	200	6,744	0	501	7,993
17	130.84	35,000	-4,047	4,510	1,398	0	179	194	6,744	0	-42	7,997
18	129.94	31,952	-3,048	5,168	1,377	0	175	190	6,764	0	290	8,013
19	130.81	34,896	2,944	11,983	1,347	0	173	194	6,962	0	-363	8,213
20	131.63	37,782	2,886	11,608	1,321	0	145	196	7,339	0	279	8,592
21	132.26	40,072	2,290	12,134	1,303	0	131	194	7,755	0	-461	9,004
22	132.93	42,576	2,504	11,437	1,240	0	87	198	7,736	0	328	8,983
23	133.69	45,502	2,926	11,983	1,200	0	69	256	7,755	0	223	9,014
24	131.62	37,747	-7,755	1,590	1,152	0	69	292	7,755	0	-77	9,006
25	130.51	33,867	-3,880	5,405	1,135	0	65	292	7,755	0	-38	9,010
26	130.74	34,655	788	9,835	1,131	0	46	343	7,755	0	228	9,006
27	131.33	36,714	2,059	11,192	1,115	0	52	395	7,755	0	184	9,006
28	132.84	42,236	5,522	14,720	1,093	0	65	395	7,755	0	110	9,004
29	133.42	44,452	2,216	11,930	1,069	0	67	395	8,311	0	128	9,560
30	133.77	45,815	1,363	12,466	1,063	0	28	393	9,739	0	120	11,210
Total		-1,896		276,289	47,580	49	6,340	12,030	215,804	0	3,618	253,667

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

**Lake Oroville Temperature Profile
on September 21, 2005**

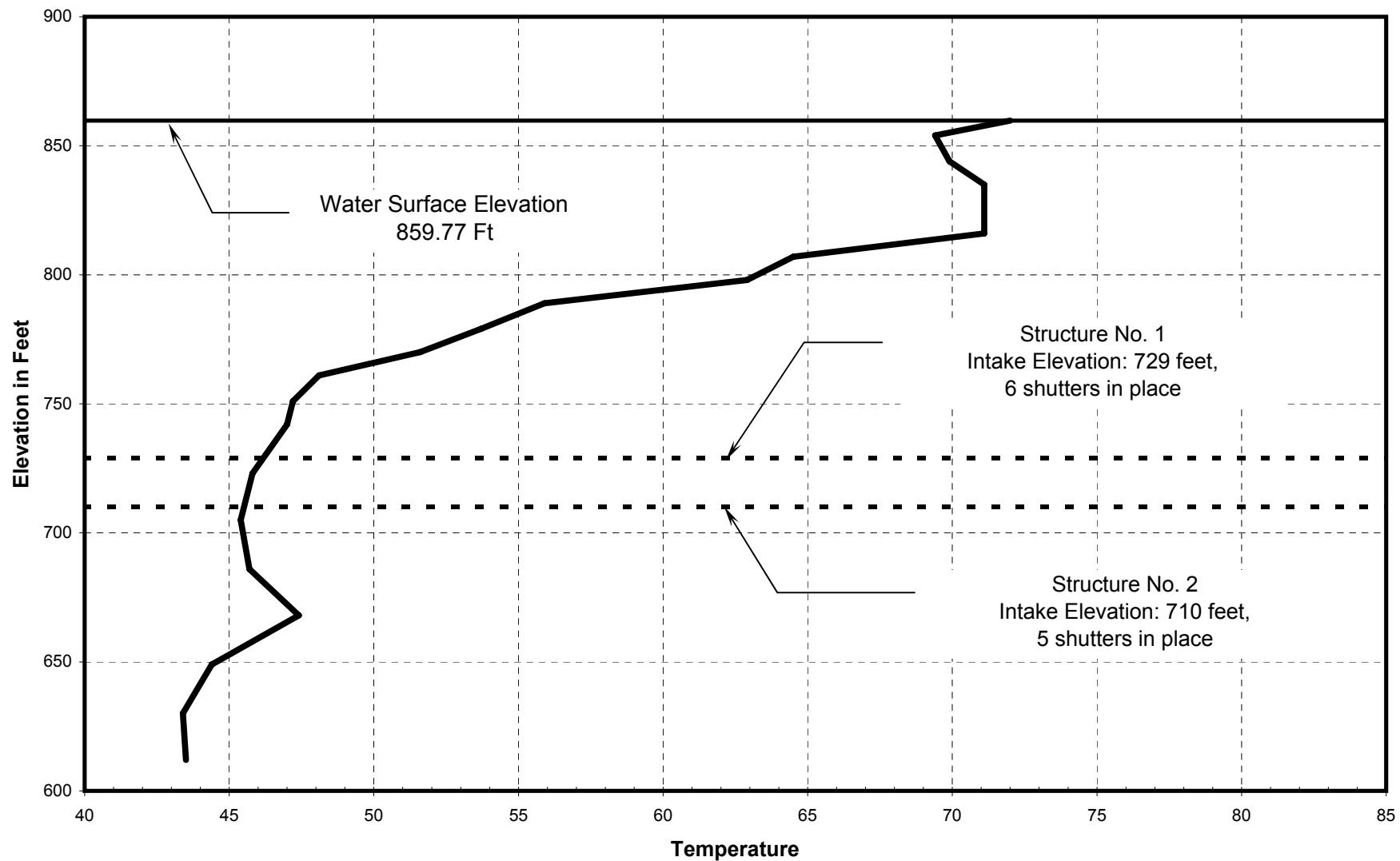


Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Structure			Table A Amount		Permit	Article 21	
	No.		Mile	M & I		Benicia				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	7,051	320	394	1,110	1,110	
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	320					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	394					
				Solano County Water Agency Fairfield / Vacaville 42"	2,284					
			17.00	Solano County Water Agency Central Solano	Stub					
2	3A	Cordelia Forebay	21.23			1/ 30	743	1,025	1,005	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,988					
3B	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	2,060	9	307	2/ 100	529	
				Solano County Water Agency Benicia	1,272					
		Cordelia Surge Tank	23.33							
		Creston Surge Tank Connection	25.65							
			26.95	Napa County Flood Control & WCD American Canyon 2	9					
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	307					
			27.60	Napa County Flood Control & WCD American Canyon 1	340					

1/ Napa Co. FC&WCD Ent through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon.

2/ Solano Permit water sold to Napa (Reach 3B) for delivery to American Canyon.

Table 9. Delta Field Division Plant Data

(in acre-feet)

September 2005

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	243	137	14,001	14,001	441	0	0	0
2	237	138	14,017	14,017	457	0	0	0
3	251	144	14,039	14,039	441	0	0	0
4	228	127	14,002	14,002	441	0	0	0
5	222	124	14,012	14,012	441	0	0	0
6	227	131	14,024	14,024	429	0	0	3
7	229	130	14,012	14,012	382	0	0	95
8	235	139	14,012	14,012	271	0	0	164
9	237	125	14,020	14,020	265	0	0	195
10	237	125	14,027	14,027	265	0	0	185
11	254	146	13,713	13,713	265	0	0	185
12	255	149	14,376	14,376	254	0	0	185
13	239	142	14,619	14,619	294	0	0	186
14	221	132	14,540	14,540	278	0	0	185
15	254	125	14,534	14,534	268	0	0	185
16	229	137	14,740	14,740	397	0	0	172
17	282	132	14,618	14,618	289	0	0	185
18	302	140	14,295	14,295	248	0	0	185
19	209	116	13,997	13,997	265	0	0	185
20	213	122	13,642	13,642	220	0	0	199
21	233	139	13,360	13,360	250	0	0	113
22	227	135	13,826	13,826	276	0	0	172
23	196	111	13,546	13,546	267	0	0	172
24	222	136	14,013	14,013	235	0	0	172
25	231	140	13,995	13,995	235	0	0	172
26	229	140	14,676	14,676	235	0	0	172
27	236	139	14,191	14,191	235	0	0	172
28	228	132	14,013	14,013	235	0	0	172
29	216	124	14,386	14,386	235	0	0	172
30	229	131	14,293	14,293	234	0	0	172
Total	7,051	3,988	423,539	423,539	9,048	0	0	4,160

Table 10. Clifton Court Forebay

Daily Operation of Gates

September 2005

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	00:00	3:30	5:45	12:15	15:15	21:00			14,232
2	0:01	4:15	6:30	12:45	15:45	21:15			14,230
3	0:01	4:45	7:00	13:15	16:15	21:50			14,232
4	0:01	5:15	7:45	13:45	16:45	20:15			14,216
5	0:01	6:00	8:15	14:00	17:00	22:45			14,220
6	0:01	6:30	9:00	14:30	17:30	23:10			14,219
7	0:01	3:00	6:00	19:00	22:00				13,558
8		3:45	6:45	19:30	22:30	22:45			14,223
9	0:01	5:54	7:45	20:00					14,227
10	0:01	5:45	8:45	20:25					14,235
11	0:02	6:45	9:45	20:50					14,229
12	1:00	8:00	11:00	21:40					14,225
13	2:15	9:15	12:15	21:25					14,231
14	0:01	1:15	3:30	10:15	13:15	21:40			14,239
15	0:01	2:15	4:30	11:00	14:00	21:15			14,233
16	0:01	3:00	5:30	11:45	14:45	21:00			14,230
17	0:01	4:00	6:30	12:30	15:30	21:10			14,238
18	0:01	4:45	7:30	13:15	16:15	22:00			14,224
19	0:50	5:30	8:30	17:45	20:45				14,226
20		2:30	5:30	18:30	21:30				14,214
21		3:15	6:15	22:00	23:15				14,218
22	0:01	4:00	7:00	19:30	22:45				14,237
23		5:00	8:00	20:45					14,235
24	0:01	6:00	9:01	21:30					14,236
25	0:15	6:41	10:15	22:46					14,227
26	1:30	7:45	11:30						14,219
27		0:45	2:30	9:30	12:30				14,214
28		1:45	3:30	9:42	13:15				13,446
29		2:30	4:30	11:00	14:00	23:00			14,236
30	0:01	3:15	5:30	11:30	14:30	23:00			14,239
									425,388

Table 11. Governor Edmund G. Brown California Aqueduct
 Delta Field Division, Monthly Deliveries

(In acre-feet)

September 2005

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries							
	Beginning and Ending				Table A Amount	USBR	Local	Loan Water	Dry Year Purchase			
	No.	Structure	Mile									
1	Banks Pumping Plant	3.32		423,539	43	65						
	South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	9,048								
	Check No. 1	5.95										
		8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	43								
	Check No. 2	12.01										
	3	12.47	Musco Olive	65								
		Check No. 3	18.29									
	4	22.16	Tracy Golf & Country Club	0								
		Check No. 4	23.99									
2A	5	Check No. 5	29.73		19	121	178	63	129			
	6	Check No. 6	34.24									
	7	35.22	Turlock Fruit Company Inflow	0								
		Check No. 7	39.91									
	8	42.46	Oak Flat Water District-A	19								
		42.9	Western Hills WD	121								
		43.81	Oak Flat Water District-B	178								
		44.64	Oak Flat Water District-C	63								
		Check No. 8	45.97									
2B	9	46.18	Oak Flat Water District-D	129	389	0	0	0	0			
			Oak Flat Totals:	389								
	Check No. 9	51.3										
	10	Check No. 10	56.86									
	11	Check No. 11	61.4									
	12	66.14	Veteran's Cemetery	6		6						
		Check No. 12	66.71	401,119								

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A Amount	Article 21	Purchase Pool A	Local	Recreation	
	No.	Structure	Mile								
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	9,048	3					
			3.17	Granite - Vasco Rd. (Temp.)	0						
			3.18	Oakland Scavenger Zone 7	3						
		Check No. 1	3.91								
	2	Check No. 2	5.21			0					
			7.21	Zone 7 WA Altamont							
2	3	Check No. 3	9.49	Zone 7 WA Patterson		0					
				Inflow Exchange							
				Project Water							
	4	Check No. 4	10.68			1,414					
		Check No. 5	12.29								
	6			13.55	Zone 7 WA Wente #1	131					
				14.16	Zone 7 WA Wente #2						
				14.31	Zone 7 WA Ising						
				Check No. 6	14.65						
4	7			14.78	Zone 7 WA Arroyo Mocho Project Water	955					
				Check No. 7	16.38						
		Del Valle Branch Pipeline Junction		16.57	Zone 7 WA Wente #3	0					
				16.63	Zone 7 WA Wente #4						
				16.69	Zone 7 WA Norman Nursery						
				16.70	Zone 7 WA Concannon Project Water						
				18.63	(Pumped into Lake Del Valle)	0					
5	8	Deliveries through Del Valle Branch Pipeline		(Flow into South Bay Aqueduct)							
					Zone 7 WA Arroyo Valle #1 & #2	431					
					Storage Exchange						
					Project Water						
					Inflow Released						
					Storage Released						
					Inflow Exchanged						
					Lake Del Valle	82					
6					Recreation						
					Zone 7 WA Wente #5						
					Zone 7 WA So. Livermore Project	2,955					
					Inflow Released						
	7	La Costa Tunnel		19.20	Stored Exchanged						
				19.21	Zone 7 WA Kalthrof Detjens	121					
8				22.50	ACWD						
				25.97	Vallecitos Project Water	1,034					
					City of San Francisco						
					San Antonio						
					ACWD - Bayside 1 & 2	1,239					
	9	Mission Tunnel		28.97	Project Water						
					Storage Released						
					Storage Exchange						
				35.86	S.C.V.W.D.	3,526					
					Meter						

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

September 2005

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct	Recreation Deliveries 2/	Evaporation	Total Outflow	
Aug 31	700.33	38,053									
1	700.28	38,019	-34	-17	0	0	0	1	16	17	0.00
2	700.27	38,012	-7	8	0	0	0	1	14	15	0.00
3	700.26	38,005	-7	7	0	0	0	1	13	14	0.00
4	700.21	37,971	-34	-20	0	0	0	1	13	14	0.00
5	700.21	37,971	0	12	0	0	0	1	11	12	0.00
6	700.17	37,944	-27	-10	0	0	3	0	14	17	0.00
7	700.01	37,834	-110	-2	0	0	96	1	11	108	0.00
8	699.73	37,643	-191	-15	0	0	166	0	10	176	0.00
9	699.45	37,452	-191	18	0	0	198	1	10	209	0.00
10	699.17	37,262	-190	8	0	0	188	0	10	198	0.00
11	698.89	37,072	-190	8	0	0	188	1	9	198	0.00
12	698.63	36,897	-175	15	0	0	178	0	12	190	0.00
13	698.34	36,702	-195	1	0	0	188	1	7	196	0.00
14	698.06	36,514	-188	9	0	0	188	0	9	197	0.00
15	697.79	36,334	-180	5	0	0	175	1	9	185	0.00
16	697.51	36,147	-187	-3	0	0	175	0	9	184	0.00
17	697.28	35,994	-153	33	0	0	175	1	10	186	0.00
18	696.99	35,802	-192	-8	0	0	175	0	9	184	0.00
19	696.69	35,604	-198	-10	0	0	175	1	12	188	0.00
20	696.40	35,413	-191	25	0	0	202	1	13	216	0.00
21	696.22	35,294	-119	6	0	0	115	1	9	125	0.20
22	695.95	35,117	-177	9	0	0	175	1	10	186	0.00
23	695.70	34,955	-162	24	0	0	175	0	11	186	0.00
24	695.42	34,773	-182	7	0	0	175	1	13	189	0.00
25	695.15	34,599	-174	13	0	0	175	0	12	187	0.00
26	694.88	34,425	-174	13	0	0	175	1	11	187	0.00
27	694.61	34,252	-173	9	0	0	175	0	7	182	0.00
28	694.34	34,079	-173	13	0	0	175	1	10	186	0.00
29	694.07	33,907	-172	20	0	0	175	1	16	192	0.00
30	693.77	33,716	-191	-2	0	0	175	1	13	189	0.00
Total				-4,337	176	0	0	4,160	20	333	4,513
1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.											
2/ To East Bay Regional Park District.											
NR=No Records											

1/

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

September 2005

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generated)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliv-eries 2/		
Aug 31	222.19	48,889											
1	222.00	48,385	-504	0	1,441	1,090	6,741	0	2,527	6,782	9	-208	
2	222.63	50,060	1,675	0	1,588	1,003	6,495	0	954	7,074	9	-205	
3	222.84	50,619	559	0	1,671	1,006	6,630	0	2,205	6,747	9	-64	
4	222.91	50,806	187	0	1,811	1,006	6,288	0	2,560	7,064	9	622	
5	223.37	52,035	1,229	0	1,956	519	6,576	0	2,158	6,955	9	691	
6	223.44	52,223	188	0	1,825	0	6,583	0	2,426	6,414	9	536	
7	222.81	50,539	-1,684	0	1,449	0	6,784	0	2,668	6,119	13	-282	
8	221.66	47,493	-3,046	0	1,309	0	6,839	0	3,590	6,478	8	392	
9	221.60	47,336	-157	0	1,540	0	6,661	0	2,382	6,052	8	162	
10	220.56	44,609	-2,727	0	1,734	0	6,772	0	3,907	5,962	8	-4	
11	220.93	45,577	968	0	1,889	0	6,519	0	1,419	6,457	8	-36	
12	222.04	48,491	2,914	0	1,932	0	6,995	0	1,531	5,817	8	-102	
13	221.99	48,360	-131	0	1,724	0	6,974	0	3,046	5,875	8	165	
14	221.80	47,861	-499	0	1,614	0	7,189	0	3,083	6,036	13	77	
15	221.77	47,782	-79	0	1,447	0	7,188	0	3,223	5,639	9	196	
16	221.37	46,731	-1,051	0	1,407	220	7,127	0	3,825	5,241	9	-209	
17	221.37	46,731	0	0	1,535	0	6,949	0	4,495	4,926	9	946	
18	218.80	40,077	-6,654	0	1,672	0	6,291	0	5,440	5,083	9	-786	
19	220.20	43,671	3,594	0	1,577	0	6,603	0	1,122	5,444	9	207	
20	220.58	44,661	990	0	1,404	0	6,478	0	2,841	4,814	9	281	
21	221.20	46,285	1,624	0	1,426	0	6,672	0	2,880	5,476	10	1,087	
22	220.56	44,609	-1,676	0	1,738	0	6,353	0	3,103	5,607	24	-202	
23	221.20	46,285	1,676	0	1,667	0	6,828	0	3,193	5,511	24	1,078	
24	221.34	46,653	368	0	1,593	0	6,702	0	2,993	5,608	24	516	
25	219.87	42,815	-3,838	0	1,760	0	6,948	0	5,237	5,780	24	398	
26	221.72	47,651	4,836	0	1,903	373	6,827	0	2,065	4,663	24	87	
27	222.47	49,634	1,983	0	1,712	0	6,659	0	2,789	4,664	24	106	
28	221.67	47,519	-2,115	0	1,558	76	6,912	0	4,222	5,500	24	134	
29	221.13	46,101	-1,418	0	1,356	375	6,705	0	4,020	4,778	15	-338	
30	220.61	44,740	-1,361	0	1,299	77	6,941	0	3,622	5,141	15	-225	
Total				-4,149	0	48,537	5,745	202,229	0	89,526	173,707	390	5,020
Mean cfs				---	0	1,618	192	6,741	0	2,984	5,790	13	167
Acre-feet				-4,149	0	96,272	11,396	401,119	0	177,572	344,554	774	9,964

1/ Pump-in located at Mile 79.67R.

2/ Includes 43 AF delivered to DFG at O'Neill Forebay and 8 AF to Parks and Recreation and 723 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

September 2005

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Aug 31	471.90	1,197,211						
1	472.10	1,199,335	2,124	2,527	1,090	295	0	-71
2	472.00	1,198,273	-1,062	954	1,003	296	0	-190
3	472.10	1,199,335	1,062	2,205	1,006	290	0	-374
4	472.30	1,201,459	2,124	2,560	1,006	258	0	-225
5	472.50	1,203,585	2,126	2,158	519	280	0	-287
6	472.80	1,206,776	3,191	2,426	0	291	0	-526
7	473.20	1,211,035	4,259	2,668	0	288	0	-233
8	473.80	1,217,432	6,397	3,590	0	270	0	-95
9	474.10	1,220,634	3,202	2,382	0	270	0	-498
10	474.70	1,227,047	6,413	3,907	0	272	0	-402
11	474.90	1,229,187	2,140	1,419	0	261	0	-79
12	475.10	1,231,328	2,141	1,531	0	274	0	-178
13	475.50	1,235,614	4,286	3,046	0	261	0	-624
14	476.00	1,241,000	5,386	3,083	0	252	0	-116
15	476.50	1,246,377	5,377	3,223	0	239	0	-273
16	477.00	1,251,762	5,385	3,825	220	252	0	-638
17	477.60	1,258,234	6,472	4,495	0	242	0	-990
18	478.50	1,267,963	9,729	5,440	0	223	0	-312
19	478.70	1,270,128	2,165	1,122	0	258	0	228
20	479.10	1,274,462	4,334	2,841	0	253	0	-403
21	479.45	1,278,259	3,797	2,880	0	236	0	-730
22	479.99	1,284,124	5,865	3,103	0	238	0	92
23	480.40	1,288,583	4,459	3,193	0	251	0	-694
24	480.85	1,293,483	4,900	2,993	0	241	0	-282
25	481.70	1,302,755	9,272	5,237	0	213	0	-349
26	481.90	1,304,940	2,185	2,065	373	241	0	-349
27	482.27	1,308,985	4,045	2,789	0	238	0	-512
28	482.92	1,316,102	7,117	4,222	76	252	0	-306
29	483.48	1,322,243	6,141	4,020	375	259	0	-290
30	484.01	1,328,065	5,822	3,622	77	288	1	-321
Total			130,854	89,526	5,745	7,782	1	-10,027
Mean cfs			---	2,984	192	259	0	-334
Acre-feet			130,854	177,572	11,396	15,439	1	-19,882

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 12429 AF, Casa De Fruta: 1 AF, San Benito: 3009 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

September 2005

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	13,452	7,684	2,162	81	5,013	5,013	586
2	14,031	10,075	1,990	90	1,893	1,893	587
3	13,382	9,356	1,995	96	4,373	4,373	576
4	14,011	9,744	1,995	119	5,078	5,078	511
5	13,795	9,654	1,030	230	4,280	4,280	556
6	12,723	8,453	0	0	4,812	4,812	578
7	12,138	7,991	0	0	5,292	5,292	572
8	12,850	10,875	0	0	7,121	5,145	536
9	12,005	10,052	0	0	4,725	4,725	536
10	11,825	9,955	0	0	7,749	5,769	540
11	12,808	10,883	0	0	2,814	2,814	518
12	11,538	9,553	0	0	3,036	1,061	544
13	11,653	9,679	0	0	6,042	3,942	518
14	11,972	9,978	0	0	6,115	4,152	499
15	11,185	9,189	0	0	6,393	4,431	474
16	10,395	9,405	436	436	7,587	5,621	499
17	9,771	8,785	0	0	8,915	6,277	480
18	10,082	9,067	0	0	10,790	6,841	442
19	10,799	9,828	0	0	2,225	1,239	511
20	9,549	8,583	0	0	5,636	3,695	501
21	10,861	9,852	0	0	5,712	3,748	468
22	11,122	11,122	0	0	6,155	2,551	473
23	10,932	10,932	0	0	6,334	3,552	497
24	11,124	11,124	0	0	5,936	3,336	478
25	11,465	11,465	0	0	10,387	2,371	422
26	9,249	9,249	740	740	4,096	1,481	479
27	9,252	9,252	0	0	5,531	2,942	472
28	10,909	10,909	151	151	8,374	4,163	500
29	9,478	9,478	744	744	7,974	5,010	514
30	10,198	10,198	153	153	7,184	4,185	572
Total	344,554	292,370	11,396	2,840	177,572	119,792	15,439

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations
September 2005

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Aug 31	326.96	20,183					
1	326.94	20,174	-9	0	0	0	-9
2	326.91	20,160	-14	0	0	0	-14
3	326.88	20,146	-14	0	0	0	-14
4	326.85	20,132	-14	0	0	0	-14
5	326.82	20,118	-14	0	0	0	-14
6	326.80	20,109	-9	0	0	0	-9
7	326.78	20,100	-9	0	0	0	-9
8	326.75	20,086	-14	0	0	0	-14
9	326.73	20,077	-9	0	0	0	-9
10	326.69	20,058	-19	0	0	0	-19
11	326.66	20,044	-14	0	0	0	-14
12	326.64	20,035	-9	0	0	0	-9
13	326.62	20,026	-9	0	0	0	-9
14	326.60	20,016	-10	0	0	0	-10
15	326.58	20,007	-9	0	0	0	-9
16	326.56	19,998	-9	0	0	0	-9
17	326.54	19,989	-9	0	0	0	-9
18	326.52	19,979	-10	0	0	0	-10
19	326.51	19,975	-4	0	0	0	-4
20	326.50	19,970	-5	0	0	0	-5
21	326.49	19,966	-4	0	0	0	-4
22	326.48	19,961	-5	0	0	0	-5
23	326.43	19,938	-23	0	0	0	-23
24	326.42	19,933	-5	0	0	0	-5
25	326.39	19,919	-14	0	0	0	-14
26	326.37	19,910	-9	0	0	0	-9
27	326.35	19,901	-9	0	0	0	-9
28	326.35	19,901	0	0	0	0	0
29	326.34	19,896	-5	0	0	0	-5
30	326.33	19,892	-4	0	0	0	-4
Total			-291	0	0	0	-291
Mean cfs			---	0	0	0	---
Acre-feet			-291	0	0	0	-291

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

September 2005

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft) 1/	Storage Change (ac-ft) 1/	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft) 1/
					Spill	Outlet	
Aug 31	600.55	712					
1	600.55	712	0	0	0	0	0
2	600.50	710	-2	0	0	0	-2
3	Not Observed			0	0	0	
4	Not Observed			0	0	0	
5	600.50	710	0	0	0	0	0
6	Not Observed			0	0	0	
7	600.50	710	0	0	0	0	0
8	600.40	710	0	0	0	0	0
9	600.40	704	-6	0	0	0	-6
10	Not Observed			0	0	0	
11	Not Observed			0	0	0	
12	600.35	702	-2	0	0	0	-2
13	600.35	702	0	0	0	0	0
14	600.30	699	-3	0	0	0	-3
15	600.30	699	0	0	0	0	0
16	600.30	699	0	0	0	0	0
17	600.25	697	-2	0	0	0	-2
18	600.25	697	0	0	0	0	0
19	600.25	697	0	0	0	0	0
20	600.25	697	0	0	0	0	0
21	600.25	697	0	0	0	0	0
22	600.30	699	2	1	0	0	0
23	600.30	699	0	0	0	0	0
24	600.30	699	0	0	0	0	0
25	600.30	699	0	0	0	0	0
26	Not Observed			0	0	0	
27	Not Observed			0	0	0	
28	Not Observed			0	0	0	
29	Not Observed			0	0	0	
30	600.30	699	0	0	0	0	0
Total			-13	1	0	0	-15
Mean cfs			---	0	0	0	---
Acre-feet			-13	2	0	2	-13

1/ Not available on a daily basis

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		401,119						
3A		San Luis Reservoir		Department of Parks and Recreation	1	12,429	1	0	1		
				San Felipe Division Santa Clara Water District	12,429						
				Casa de Fruta Santa Clara Water District	1						
				San Felipe Division San Benito Water District	3,009	3,009					
				Reach 3A Total:	15,440	15,439	0	0	1		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	8			5	3		
				Cattle Program	0						
				Department of Fish & Game	43						
		Thru 85.08	70.91	San Luis Water District	723	723		0	0		
				(Floodwater Inflow)	0						
				Reach 3 Total:	774						
		Dos Amigos Pumping Plant	86.73		344,554	723	0	29	22		
4	14		89.03			3,317					
			Thru 94.06	San Luis Water District	3,317						
			89.66				255				
			Thru 89.67	Pacheco Water District	255						
			89.68	Panoche Water District	39		39				
		Check No. 14	89.70	City of Dos Palos	154	154					
	15		95.06								
			98.15			293					
			Thru 104.20	San Luis Water District	293						
			96.15				1,106				
			Thru 102.64	Panoche Water District	1,106						
				(Floodwater Inflow)	0		3				
			102.64	Broadview Water District	3						
		Check No.15	105.22			5,312					
			Thru 108.64	Westlands Water District	5,312						
		Check No.15	108.50								
			Reach 4 Total:	10,479	10,479	0	0	0	0		
			San Felipe Division Total:	15,439	15,439	0	0	0	0		
			Pacheco Water District Total:	255	255	0	0	0	0		
			Broadview Water District Total:	3	3	0	0	0	0		
			City of Dos Palos Total:	154	154	0	0	0	0		
			SLWD Reach 4 Subtotal:	3,610	3,610	0	0	0	0		
			Panoche Water District Total:	1,145	1,145	0	0	0	0		
			SLWD Total:	4,333	4,333	0	0	0	0		
			Westlands WD Reach 4 Subtotal:	5,312	5,312	0	0	0	0		

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			USBR	Transfer 1/	DWR Recreation	USBR Recreation				
	No.	Structure											
5	16		110.52	(Reverse flow, Kings River)	0	11,139	21	18					
			Thru	Westlands Water District	11,139								
			122.05	Department of Fish and Game	39								
		Check No. 16	122.07										
	17		124.18	Westlands Water District	5,932	5,932							
			132.74										
		Check No. 17	132.95										
	18		133.81	Westlands Water District	9,276	9,276							
			Thru										
			142.61										
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	7,406								
			143.16	City of Coalinga	868								
		Check No. 18	143.23										
6	19		145.26	Reach 5 Total:	34,660	34,621	0	21	18				
				GWF Energy	0								
				City of Huron	5								
				Kings County to Lemoore NAS thru WWD 29L & 30L	376								
			Thru	Kings County through WWD 30L	0								
			151.19	Westlands Water District	10,076								
		Check No. 19	155.64										
				Reach 6 Total:	10,457	10,081	376	0	0				
7	20		156.34	City of Huron	110	110	2/ 750						
			156.40	SWP Construction @ Lat. 24R	0								
			Thru	Westlands Water District	4,293								
			163.69										
		Check No. 20	164.69										
			164.79	City of Avenal	274	274	2,753						
			167.04	Westlands Water District	2,753								
			Thru										
			171.67										
		Check No. 21	172.40		283,825								
				Reach 7 Total:	7,430	6,680	750	0	0				
				SWP Construction	0	0	0	0	0				
				Westlands WD Total:	56,187	55,437	750	0	0				
				City of Coalinga Total:	868	868	0	0	0				
				City of Huron Total:	115	115	0	0	0				
				Kings County to Lemoore NAS thru WWD 29L & 30L	376	0	376	0	0				
				City of Avenal Total:	274	274	0	0	0				
				Total San Luis Field Division Deliveries:	79,222	78,023	1,126	50	23				

1/ Long-term POD from County of Kings to Lemoore Naval Air Base.

2/ Tulare Lake Basin WSD transfer to WWD.

Table 20. Consolidated State-Federal San Luis Canal 1/Daily Operations
September 2005

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	Pools 14 & 15 2/	Pool 15	Pools 15 thru 21 3/	Flow Past Check 21	
Aug 31	30,101								
1	29,111	-990	0	6,782	88	29	1,412	5,863	111
2	29,720	609	0	7,074	88	29	1,412	5,268	30
3	29,480	-240	0	6,747	88	29	1,412	5,506	167
4	29,435	-45	0	7,064	88	29	1,412	5,572	15
5	29,180	-255	0	6,955	88	29	1,412	5,598	43
6	29,238	58	0	6,414	88	29	1,412	4,851	-5
7	28,830	-408	0	6,119	88	30	1,418	5,068	280
8	28,949	119	0	6,478	114	19	930	5,098	-257
9	28,589	-360	0	6,052	114	19	930	5,051	-120
10	29,024	435	0	5,962	114	19	930	4,817	137
11	28,828	-196	0	6,457	114	19	930	5,937	445
12	29,239	411	0	5,817	114	19	930	4,847	300
13	29,140	-99	0	5,875	114	19	930	5,097	235
14	29,161	21	0	6,036	116	24	932	5,145	192
15	29,063	-98	0	5,639	42	19	739	4,843	-45
16	28,610	-453	0	5,241	42	19	739	4,709	40
17	29,423	813	0	4,926	42	19	739	3,477	-239
18	28,623	-800	0	5,083	42	19	739	4,594	-92
19	29,295	672	0	5,444	42	19	739	3,910	-395
20	28,852	-443	0	4,814	42	19	739	4,142	-96
21	29,331	479	0	5,476	48	20	739	4,179	-248
22	29,063	-268	0	5,607	23	10	853	4,813	-43
23	27,889	-1,174	0	5,511	23	10	853	4,959	-257
24	28,346	457	0	5,608	23	10	853	4,235	-256
25	29,083	737	0	5,780	23	10	853	4,343	-180
26	28,970	-113	0	4,663	23	10	853	3,934	100
27	28,073	-897	0	4,664	23	10	853	4,367	137
28	28,432	359	0	5,500	28	15	854	4,389	-33
29	28,365	-67	0	4,778	72	13	812	4,387	472
30	29,282	917	0	5,141	72	13	812	4,093	311
Total		-819	0	173,707	2,026	577	29,172	143,093	748
Mean cfs		---	0	5,790	68	19	972	4,770	25
Acre-feet		-819	0	344,554	4,019	1,145	57,862	283,825	1,478

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 3,610 AF to San Luis Water District, 255 AF to Pacheco W.D., and 154 AF to the City of Dos Palos.

3/ Includes 110 AF to the City of Huron, 274 AF to the City of Avenal, 868 AF to the City of Coalinga, 5 AF to City of Huron P&R @22R, 376 AF to Lemoore N.A.S. @ 30L, 0 AF to GWF @ 30L, 0 AF to Kings County, 3 AF to Broadview WD, 0 AF for Pilobos Wildlife @ 4L, 39 AF to DFG @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF SWP construction @ 24R, 7,406 AF to Pleasant Valley Pumping Plant, and 48, 781 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

September 2005

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	442	442	110	106	109	5,453	5,116	4,769	4,698
2	466	466	119	115	117	5,277	5,197	4,878	4,800
3	611	611	109	106	108	5,515	5,491	5,172	5,084
4	474	474	137	130	137	6,403	6,305	6,130	6,085
5	431	431	103	97	107	6,345	6,644	6,250	6,227
6	361	361	88	82	90	4,994	4,858	4,510	4,296
7	347	347	107	103	105	5,734	4,966	4,694	4,593
8	373	373	118	115	118	5,312	5,113	4,720	4,535
9	337	337	120	117	117	5,316	5,034	4,648	4,588
10	425	425	105	103	106	5,119	5,176	4,827	4,810
11	411	411	115	108	116	6,684	6,773	6,490	6,361
12	323	323	79	69	78	5,639	5,765	5,482	5,421
13	434	434	105	99	105	5,960	5,933	5,525	5,416
14	448	448	116	112	115	5,802	5,676	5,292	5,264
15	390	390	97	91	95	5,585	5,652	5,390	5,251
16	376	376	112	107	111	4,617	4,243	3,973	3,877
17	506	506	109	74	106	4,006	4,113	3,898	3,733
18	354	354	134	128	135	4,723	4,629	4,660	4,432
19	207	207	68	63	71	4,305	4,349	4,160	4,127
20	229	229	82	77	81	5,211	4,652	4,264	4,227
21	316	316	140	137	136	5,024	4,763	4,445	4,259
22	306	306	100	96	99	4,833	4,685	4,517	4,474
23	319	319	114	109	115	5,251	4,961	4,690	4,611
24	382	382	91	98	103	5,139	5,049	4,832	4,790
25	269	269	137	128	137	5,423	5,465	5,316	5,253
26	222	222	84	79	85	4,951	4,890	4,683	4,654
27	223	223	95	90	93	5,408	5,321	5,079	4,915
28	251	251	74	70	76	5,184	5,077	4,828	4,826
29	279	279	83	72	84	4,699	4,690	4,536	4,360
30	334	334	93	86	93	4,773	4,846	4,610	4,484
Total	10,846	10,846	3,144	2,967	3,148	158,685	155,432	147,268	144,451

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A Amount	USBR	Purchase Pool A	Purchase Pool B	SCVWD		
	No.	Structure										
7	21	Check No. 21	172.40		283,825							
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	0	630	451	666	290	471		
				County of Kings TL - A	630							
				TLBWSD TL-A	451							
				175.18 DRWD - 1	666							
				177.54 DRWD - 1B	290							
				180.64 TLBWSD - C	0							
				180.65 DRWD - 1A	471							
				182.99 DRWD - 2	2,343							
				183.00 Tulare Lake Basin WSD TL - B	10,968							
				184.00 DRWD - Paramount	2							
31A				184.63 Coastal Branch	10,846							
8D				184.78 Dudley Ridge Water Dist. DRWD - 3	1,520							
				Dudley Ridge Reach 8D Total:	5,292	5,292	0	0	0	0		
9	23		184.82	Tulare Lake Basin WSD Total:	11,419	11,419	0	0	0	0		
				189.69 Kern County Water Agency Lost Hills Water Dist. - 1	3,998	3,998						
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	1,001	1,001						
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	221	221						
				196.40 Kern County Water Agency Berrenda Mesa - 2	0							
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	152	152						
				KCWA Reach 9 Subtotal:	5,372	5,372	0	0	0	0		
				Check No. 23	197.05							
				201.24 Kern County Water Agency Lost Hills Water Dist. - 7	237	237						
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	515	515						
10A	24		204.69	Kern County Water Agency Lost Hills Water Dist. - 6	0							
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	10	10						
				Check No. 24	207.94							
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	2,390	2,390						
				209.78 Kern National Wildlife Refuge USBR BV-1B	5,130	5,130						
					0							
				209.80 KCWA Semitropic WSD	10,538	538				1/ 10,000		
					KCWA Semitropic WSD Penstocks		15,214			1/ 11,941		
					USBR Total:	3,273	5,130	0	0	0		
					KCWA Reach 10A Subtotal:		28,904	0	0	21,941		
						6,963	0	0	0			

1/ KCWA 2005 Table A to STWSD on behalf of Santa Clara Valley WD. In exchange SCVWD will transfer a like amount of CVP water to SLDMWA as full payback for a year 2000 exchange.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A Amount	USBR	Purchase Pool A	Purchase Pool B	SCVWD		
	No.	Structure										
11B	25		210.75	Kern County Water Agency Belridge - 2	0	395	7,628	108	0			
			214.11	Kern County Water Agency Belridge - 3	395							
			216.62	Kern County Water Agency Belridge - 4	0							
			217.13	Kern County Water Agency Belridge - 5	7,628							
				Kern County Water Agency Belridge - 5D	108							
		Check No. 25	217.79									
				KCWA Reach 11B Subtotal:	8,131	8,131	0	0	0	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	421						
				Kern County Water Agency West Kern - 3	421							
		Check No. 26	224.92									
		Check No. 27	231.73									
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0	27,163						
			235.75	Kern County Water Agency Buena Vista - 2	0							
			238.04	Kern County WA CVC	27,163							
				DRWD CVC	0							
				Tulare Co.	0							
				Lower Tule River	0							
				Fresno Co.	0							
				Pixley ID	0							
				Hacienda								
				DWR Wells	0							
		Check No. 28	238.11									
				1/ Arvin Edison Total:	0	0	0	0	0	0		
				Reach 12E Subtotal:	27,163	27,163	0	0	0	0		
13B	29		238.19	Kern Water Bank Inflow	19,952	19,952						
				Kern Water Bank Outflow	0							
			241.02	Kern River Intertie (inflow)	0							
			242.85	KCWA Buena Vista WSD - 7	0							
				KCWA Buena Vista WSD - 5	662							
			243.09	Kern County Water Agency Buena Vista - 3	431							
		Check No. 29	244.54									
		30	249.85	Kern County Water Agency Buena Vista - 4	201	662						
			250.99		158,685							
				KCWA Reach 13B Subtotal:	21,246	21,246	0	0	0	0		
14A	31		254.47	Kern County Water Agency West Kern - 2	0	42						
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	42							

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A Amount	USBR	Purchase Pool A	Purchase Pool B	SCVWD	
	No.	Structure	Mile								
14A	31	Check No. 31	256.14			199	1,053	0	0	0	
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	199						
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	1,053						
		Check No. 32	261.72			1,294	0	0	0	0	
				KCWA Reach 14A Subtotal:	1,294						
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	2,831	2,831	808	0	0	0	
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	808						
		Check No. 33	267.36								
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,795	1,795	0	0	0	0	
		Check No. 34	271.27								
				Reach 14B Total:	5,434	5,434	0	0	0	0	
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	847		847	0	0	0	
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	433						
			277.30	Kern County Water Agency Arvin-Edison WSD	720						
				Reach 14C Total:	2,000	2,000	0	0	0	0	
	Teerink Pumping Plant	278.13			155,432						
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	763	763	0	0	0	0	
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	3,409		3,409	0	0	0	
				Reach 15-A Total:	4,172						
	Chrisman Pumping Plant	280.36			147,268						
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0	28	0	0	0	0	
		Check No. 37	283.95								
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	28						
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	29	29					
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0						
	Check No. 38	287.09				116	0	0	0	0	
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	116						
		Check No. 39	290.21								
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,003	1,003	0	0	0	0	
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	212		212	0	0	0	
				Kern County Water Agency Tehachapi Cummings CWD	817						
				KCWA Reach 16A Subtotal:	2,205	2,205	0	0	0	0	
17E	Edmonston Pumping Plant	293.45			144,451						

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

September 2005

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A Amount	USBR	Purchase Pool A	Purchase Pool B	SCVWD	
	No.	Structure	Mile							
31A	C-1	Coastal Branch Control	0.02		10,846					
		Las Perillas Pumping Plant	1.16		10,846					
	C-2		3.79	Green Valley Water District	0					
		Badger Hill Pumping Plant	4.27		10,846					
	C-3	Coastal Check No. 3	7.21							
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0					
		Coastal Check No. 4	9.34							
	C-5	Coastal Check No. 5	12.20							
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	503	503				
			14.83	Kern County Water Agency Berrenda Mesa - 1	7,209	7,209				
				Kern County Water Agency Berrenda Mesa - PO	0					
		Devil's Den Pumping Plant	14.86		3,144					
				KCWA Reach 31A Subtotal:	7,712	7,712	0	0	0	
				KCWA Total:	114,054	92,113	0	0	21,941	
33A	C-7	Bluestone Pumping Plant	19.05		2,967					
	C-8	Polonio Pass Pumping Plant	26.54		3,148					
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	0					
		Tank Site 2	58.63	Central Coast:	2,654	2,654				
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	423	423				
		Energy Dissipater	78.12							
	Lopez T.O.		85.86	SLOCFC & WCD	0					
35	C-12			CCWA Total:	423	423	0	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0					
		Santa Maria T.O.	107.43	SBCFC & WCD	0					
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0					
				SBCFC & WCD Total:	0	0	0	0	0	
38		Tank Site 5	115.42							

Table 24. Southern Field Division Plant Data

(in acre-feet)

September 2005

Date	West Branch					East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant		Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Generation	Bypass	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Cottonwood Chute		Generation	Leakage	Bypass Flume				
1	1,432	1,509	0	4,347	2,678	2,876	0	408	2,867	2,751	0	0	2,678	29	26	5
2	1,454	1,931	0	5,463	1,632	2,971	0	380	2,837	3,032	0	0	2,981	21	20	3
3	2,045	2,407	0	1,012	3,759	2,701	0	285	2,511	2,392	0	0	2,536	0	0	0
4	2,662	2,322	0	2,487	5,223	3,029	0	347	2,954	2,953	0	0	2,796	0	0	0
5	2,130	1,484	0	5,004	3,481	3,444	0	641	3,605	3,695	0	0	2,615	0	0	0
6	1,381	1,475	0	5,774	3,727	2,538	0	391	2,671	2,553	0	0	2,722	24	17	5
7	1,451	1,472	0	5,536	2,930	2,737	0	336	2,653	2,814	0	0	2,638	27	26	5
8	1,561	1,477	0	5,956	1,877	2,478	0	478	2,687	2,553	0	0	2,721	28	26	5
9	1,447	1,463	0	3,562	1,037	2,676	0	496	2,636	2,661	0	0	2,632	27	26	5
10	1,365	853	0	2,667	3,290	2,950	0	489	3,026	3,005	0	0	2,672	0	0	0
11	2,892	2,332	0	463	3,866	3,018	0	414	3,093	3,198	0	0	2,547	0	0	0
12	2,576	3,304	0	3,037	1,408	2,534	0	285	2,520	2,517	0	0	2,511	58	46	10
13	2,563	3,295	0	5,150	0	2,482	0	367	2,382	2,472	0	0	2,761	39	26	11
14	2,525	3,194	0	4,910	1,579	2,421	0	279	2,353	2,234	0	0	2,647	14	0	9
15	2,506	2,198	0	5,056	583	2,484	0	217	2,628	2,680	0	0	2,549	29	21	3
16	1,079	17	0	40	1,703	2,639	0	221	2,252	2,273	0	0	2,677	13	10	3
17	1,032	0	0	0	0	2,568	0	72	2,564	2,571	0	0	2,470	0	0	0
18	1,332	0	0	880	0	2,779	0	335	2,856	2,911	0	0	2,656	0	0	0
19	1,323	1,808	0	4,272	1,891	2,472	0	336	2,419	2,356	0	0	2,685	21	15	3
20	1,304	1,857	0	4,784	0	2,505	0	473	2,435	2,481	0	0	2,640	0	0	0
21	1,741	1,854	0	5,457	742	2,420	0	84	2,513	2,342	0	0	2,554	26	24	0
22	1,726	1,850	0	2,216	999	2,346	0	377	2,291	2,626	0	0	2,305	0	0	0
23	1,701	1,779	0	83	528	2,724	0	206	2,483	2,237	0	0	2,306	25	25	0
24	1,833	1,799	0	0	0	2,758	0	199	2,677	2,645	0	0	2,595	0	0	0
25	2,170	1,846	0	0	0	2,837	0	156	2,867	2,953	0	0	2,301	0	0	0
26	1,977	2,239	0	3,828	0	2,611	0	129	2,672	2,632	0	0	2,704	26	26	7
27	2,080	2,383	0	4,166	0	2,656	0	157	2,232	2,423	0	0	2,520	0	0	5
28	2,252	2,124	0	5,240	808	2,503	0	82	2,391	2,476	0	0	2,563	27	25	5
29	2,076	2,289	0	4,217	542	2,243	0	25	1,940	1,912	0	0	2,659	0	0	0
30	2,083	2,285	0	851	734	2,438	0	68	2,043	1,917	0	0	2,725	0	0	0
Total	55,699	54,846	0	96,458	45,017	79,838	0	8,733	78,058	78,265	0	0	78,366	434	359	84

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				United Water Agency	Computed Losses (-) And Gains (+)
				Project		Natural	Project		Natural			
				Castaic Powerplant Pumpback 1/	Warne Powerplant	Stream Flow	Castaic Powerplant Generation 1/	Recreation Deliveries	To Piru Creek			
Aug 31	2568.40	157,802										
1	2568.16	157,507	-295	2,678	1,509	25	4,347	0	26	0	-134	
2	2566.52	155,500	-2,007	1,632	1,931	22	5,463	0	26	0	-103	
3	2570.76	160,722	5,222	3,759	2,407	22	1,012	0	26	0	72	
4	2574.79	165,790	5,068	5,223	2,322	22	2,487	0	24	0	12	
5	2574.70	165,676	-114	3,481	1,484	23	5,004	0	24	0	-74	
6	2574.24	165,092	-584	3,727	1,475	23	5,774	0	24	0	-11	
7	2573.23	163,816	-1,276	2,930	1,472	23	5,536	0	24	0	-141	
8	2571.09	161,133	-2,683	1,877	1,477	23	5,956	0	24	0	-80	
9	2570.23	160,063	-1,070	1,037	1,463	24	3,562	0	25	0	-7	
10	2571.38	161,495	1,432	3,290	853	25	2,667	1	25	0	-43	
11	2575.92	167,230	5,735	3,866	2,332	27	463	0	24	0	-3	
12	2577.13	168,780	1,550	1,408	3,304	27	3,037	0	24	0	-128	
13	2575.63	166,859	-1,921	0	3,295	27	5,150	0	24	0	-69	
14	2575.42	166,592	-267	1,579	3,194	27	4,910	0	24	0	-133	
15	2574.35	165,232	-1,360	583	2,198	27	5,056	0	24	0	912	
16	2575.70	166,949	1,717	1,703	17	27	40	0	24	0	34	
17	2575.66	166,898	-51	0	0	27	0	0	27	0	-51	
18	2574.92	165,955	-943	0	0	27	880	0	24	0	-66	
19	2574.23	165,080	-875	1,891	1,808	26	4,272	0	24	0	-304	
20	2571.99	162,258	-2,822	0	1,857	28	4,784	0	24	0	101	
21	2569.62	159,307	-2,951	742	1,854	29	5,457	0	24	0	-95	
22	2569.95	159,716	409	999	1,850	29	2,216	0	24	0	-229	
23	2571.79	162,008	2,292	528	1,779	29	83	0	24	0	63	
24	2573.15	163,715	1,707	0	1,799	27	0	0	24	0	-95	
25	2574.62	165,574	1,859	0	1,846	27	0	0	24	0	10	
26	2573.29	163,892	-1,682	0	2,239	27	3,828	0	23	0	-97	
27	2571.88	162,120	-1,772	0	2,383	34	4,166	0	23	0	0	
28	2569.81	159,543	-2,577	808	2,124	31	5,240	0	23	0	-277	
29	2568.57	158,011	-1,532	542	2,289	29	4,217	0	23	0	-152	
30	2570.35	160,212	2,201	734	2,285	27	851	0	24	0	30	
Total				2,410	45,017	54,846	791	96,458	1	727	0	-1,058

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow		Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake		
							Natural	Project 1/	
Aug 31	1521.30	23,798							
1	1519.30	22,943	-855	4,347	1	2,678	1	2,523	-1
2	1526.50	26,085	3,142	5,463	1	1,632	1	689	0
3	1520.50	23,454	-2,631	1,012	1	3,759	1	0	116
4	1513.80	20,676	-2,778	2,487	1	5,223	1	0	-42
5	1517.50	22,188	1,512	5,004	1	3,481	1	0	-11
6	1514.60	20,998	-1,190	5,774	1	3,727	1	3,232	-5
7	1515.10	21,201	203	5,536	1	2,930	1	2,402	-1
8	1524.30	25,106	3,905	5,956	1	1,877	1	175	1
9	1522.90	24,491	-615	3,562	1	1,037	1	3,137	-3
10	1516.00	21,568	-2,923	2,667	1	3,290	1	2,301	1
11	1507.60	18,272	-3,296	463	1	3,866	1	0	107
12	1511.90	19,923	1,651	3,037	1	1,408	1	0	22
13	1518.80	22,732	2,809	5,150	2	0	2	2,334	-7
14	1515.20	21,242	-1,490	4,910	2	1,579	2	4,820	-1
15	1514.70	21,039	-203	5,056	2	583	2	4,675	-1
16	1508.90	18,763	-2,276	40	1	1,703	1	610	-3
17	1508.90	18,763	0	0	1	0	1	0	0
18	1511.20	19,649	886	880	1	0	1	0	6
19	1516.88	21,930	2,281	4,272	1	1,891	1	0	-100
20	1517.20	22,063	133	4,784	2	0	2	4,612	-39
21	1519.20	22,901	838	5,457	1	742	1	3,876	-1
22	1512.30	20,080	-2,821	2,216	1	999	1	4,038	0
23	1510.50	19,377	-703	83	1	528	1	256	-2
24	1510.50	19,377	0	0	1	0	1	0	0
25	1510.50	19,377	0	0	1	0	1	0	0
26	1519.80	23,155	3,778	3,828	1	0	1	0	-50
27	1523.50	24,754	1,599	4,166	1	0	1	2,560	-7
28	1522.10	24,143	-611	5,240	1	808	1	5,044	1
29	1525.00	25,416	1,273	4,217	1	542	1	2,401	-1
30	1525.20	25,504	88	851	1	734	1	0	-29
Total				1,706	96,458	34	45,017	34	49,685
-50									

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Aug 31	1510.76	314,303								
1	1511.06	314,963	660	1	2,523	2	1,778	68	-20	
2	1510.48	313,689	-1,274	1	689	2	1,819	0	-147	
3	1509.61	311,783	-1,906	1	0	2	1,878	0	-31	
4	1508.81	310,037	-1,746	1	0	2	1,690	0	-59	
5	1508.06	308,405	-1,632	1	0	2	1,610	0	-25	
6	1508.82	310,058	1,653	1	3,232	2	1,626	0	44	
7	1509.15	310,778	720	1	2,402	2	1,619	0	-66	
8	1508.40	309,144	-1,634	1	175	2	1,728	0	-84	
9	1508.94	310,320	1,176	1	3,137	3	1,757	0	-208	
10	1509.27	311,040	720	1	2,301	4	1,609	0	23	
11	1508.58	309,536	-1,504	1	0	4	1,454	0	-55	
12	1507.89	308,036	-1,500	1	0	4	1,430	0	-75	
13	1508.09	308,470	434	2	2,334	5	1,773	0	-134	
14	1509.38	311,280	2,810	2	4,820	5	1,859	0	-158	
15	1510.67	314,106	2,826	2	4,675	4	1,829	0	-26	
16	1510.19	313,053	-1,053	1	610	4	1,871	0	203	
17	1509.26	311,018	-2,035	1	0	4	1,959	0	-81	
18	1508.43	309,209	-1,809	1	0	4	1,909	0	95	
19	1507.54	307,276	-1,933	1	0	3	1,941	0	4	
20	1508.72	309,841	2,565	2	4,612	4	2,025	0	-28	
21	1509.53	311,608	1,767	1	3,876	5	2,031	0	-84	
22	1510.55	313,842	2,234	1	4,038	5	1,986	0	176	
23	1509.68	311,936	-1,906	1	256	4	2,071	0	-96	
24	1508.75	309,906	-2,030	1	0	4	2,118	0	83	
25	1507.82	307,884	-2,022	1	0	4	2,138	0	111	
26	1506.92	305,934	-1,950	1	0	4	2,101	0	146	
27	1507.04	306,194	260	1	2,560	4	2,175	0	-130	
28	1508.33	308,992	2,798	1	5,044	4	2,207	0	-44	
29	1508.34	309,013	21	1	2,401	4	2,346	0	-39	
30	1507.14	306,410	-2,603	1	0	4	2,516	0	-92	
Total				-7,893	34	49,685	106	56,853	68	-797

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A Amount	Rec.	Article 21	Local	Flexible Payback	
	No.	Structure	Mile								
29A	42	Oso Pumping Plant	1.49		55,699						
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed		1				
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub						
29G		Warne Power Plant	14.07		54,846						
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	1		1				
				United WA (T300)	0						
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0						
29J	W4	Castaic Power Plant	25.82	(45,017 AF pumpback) 2/	96,458		54				
		Elderberry Forebay									
		Forebay Dam	28.12								
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	54		54				
		Castaic Dam	31.47								
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	51,753						
				Castaic Lake WA 18", 24" & 54" (T303)	2,184						
				Castaic Lake WA Rio Vista T.P. (T304)	2,631						
				MWD-Ventura Co. WPD (T302)	231						
					0						
				Releases to Lagoon	68						
				Reach 30 Subtotal:	56,853		56,799	54	0	0	
		Castaic Lagoon		California State Park Recreation to Lagoon (T353)	68		68				
		Castaic Lagoon Outlet	31.87		134						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River		
Aug 31	3351.43	71,530											
1	3351.57	71,663	133	2,751	0	3	5	0	2,678	0	0	62	16
2	3351.60	71,691	28	3,032	0	3	3	0	2,981	0	0	-23	16
3	3351.40	71,501	-190	2,392	0	3	3	1	2,536	0	1	-44	16
4	3351.57	71,663	162	2,953	0	3	4	0	2,796	0	0	6	16
5	3352.75	72,791	1,128	3,695	0	3	4	0	2,615	0	0	49	16
6	3352.44	72,494	-297	2,553	0	28	4	1	2,722	0	1	-150	16
7	3352.61	72,657	163	2,814	0	42	6	0	2,638	0	0	-49	16
8	3352.52	72,571	-86	2,553	0	30	6	0	2,721	0	0	58	16
9	3352.55	72,599	28	2,661	0	20	5	1	2,632	0	1	-14	16
10	3352.72	72,762	163	3,005	0	17	6	0	2,672	0	0	-181	16
11	3353.62	73,629	867	3,198	0	15	5	0	2,547	0	0	206	16
12	3353.59	73,600	-29	2,517	0	10	5	0	2,511	0	1	-39	16
13	3353.28	73,301	-299	2,472	0	7	5	0	2,761	0	0	-12	16
14	3352.92	72,955	-346	2,234	0	6	3	1	2,647	0	0	65	16
15	3352.95	72,983	28	2,680	0	5	4	0	2,549	0	1	-103	16
16	3352.50	72,551	-432	2,273	0	5	4	0	2,677	0	0	-29	16
17	3352.75	72,791	240	2,571	0	4	4	0	2,470	0	1	140	16
18	3352.89	72,926	135	2,911	0	4	4	0	2,656	0	1	-119	16
19	3352.69	72,734	-192	2,356	0	4	3	1	2,685	0	0	137	16
20	3352.61	72,657	-77	2,481	0	4	1	0	2,640	0	0	79	16
21	3352.30	72,360	-297	2,342	0	5	4	0	2,554	0	1	-85	16
22	3352.66	72,705	345	2,626	0	4	4	0	2,305	0	1	25	16
23	3352.58	72,628	-77	2,237	0	4	2	1	2,306	0	0	-9	16
24	3352.72	72,762	134	2,645	0	4	3	0	2,595	0	0	83	16
25	3353.42	73,436	674	2,953	0	4	3	0	2,301	0	1	22	16
26	3353.42	73,436	0	2,632	0	3	4	0	2,704	0	1	74	16
27	3353.06	73,089	-347	2,423	0	3	3	0	2,520	0	0	-250	16
28	3353.00	73,032	-57	2,476	0	3	3	0	2,563	0	0	30	16
29	3352.27	72,331	-701	1,912	0	3	2	1	2,659	0	1	47	17
30	3351.51	71,606	-725	1,917	0	3	3	0	2,725	0	0	83	17
Total				76	78,265	0	252	116	7	78,366	0	12	60
1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.												482	

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

September 2005

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Aug 31	1578.46	105,689				
1	1578.02	104,748	-941		801	
2	1577.64	103,938	-810		1,000	
3	1577.09	102,769	-1,169		1,000	
4	1576.59	101,710	-1,059		1,000	
5	1575.93	100,317	-1,393		1,000	
6	1575.60	99,623	-694		1,000	
7	1575.19	98,764	-859		856	
8	1574.81	97,969	-795		801	
9	1574.40	97,114	-855		802	
10	1573.96	96,200	-914		800	
11	1573.68	95,620	-580		800	
12	1573.35	94,937	-683		770	
13	1572.94	94,092	-845		701	
14	1572.61	93,413	-679		702	
15	1572.25	92,675	-738		702	
16	1571.98	92,123	-552		702	
17	1571.59	91,327	-796		702	
18	1571.21	90,555	-772		702	
19	1570.88	89,885	-670		701	
20	1570.69	89,501	-384		701	
21	1570.25	88,613	-888		701	
22	1569.92	87,949	-664		800	
23	1569.45	87,007	-942		800	
24	1568.98	86,069	-938		800	
25	1568.60	85,313	-756		799	
26	1568.19	84,500	-813		800	
27	1567.80	83,730	-770		808	
28	1567.58	83,296	-434		810	
29	1566.98	82,119	-1,177		809	
30	1566.70	81,572	-547		850	
Total		-24,117		1,071	24,220	-968

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A Amount	Recreation	Pool A & B	Transfer	Local	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45		153,168					11	
	41		298.65	KCWA Tej.-Cas	Stub						
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	11					11	
		Check No. 42	304.99								
19	43	Alamo Powerplant	305.73	(Does not include 8,733 AF flow down Cottonwood Chute)	79,838						
			308.05	AVEK 294th Street West (T267)	0						
		Check No. 43	309.70								
	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
		Check No. 44	314.81								
	45		314.93	AVEK 235th Street West (T270)	0						
			315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	1,902						
				Mojave Water Agency Fairmont (T272)	123						
		Check No. 46	323.84								
				Reach 19 Total:	2,036						
20A	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	91						
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
		Check No. 48	330.82								
	49	Check No. 49	335.93								
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	4,463		4,463	65	17		
				Antelope Valley-East Kern WA Rancho Vista (T275)	65						
			340.92	AVEK WA-Temp (T387)	0						
20B	Check No. 50	341.51									
	51		342.06	AVEK WA-Temp (T386)	17						
		Check No. 51	342.07								
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	16		16	83			
		Check No. 52	343.74								
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	83						
21	Check No. 53	348.17									
	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
	57		354.97	AVEK WA-Littlerock Creek ID (T278)	0		1,062	5			
				Palmdale WD (T276)	1,062						
			354.97	Palmdale WD (T391)	5						
22A	Check No. 57	356.93									
	58		357.60	AVEK 95th Street East (T279)	161		161	105			
			357.72	AVEK 96th Street East (T280)	105						
			359.76	AVEK East Side Treatment Plant (T281)	384						

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

September 2005

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A Amount	Recreation	Pool A & B	Transfer	Local		
	No.	Structure	Mile									
22B	58	Pearblossom Pumping Plant	360.61		78,058	1,185	6	7	1/ 482			
	59	Check No. 59	366.09									
	60		366.50		AVEK Big Rock Siphon (T368)							
		Check No. 60	373.94									
	61	Check No. 61	379.00									
	62	Check No. 62	384.26									
	63		389.20		Mojave Water Agency							
		Check No. 63			White Road 24" & 42" (T282)							
	64	Check No. 64	395.10									
	65	Check No. 65	400.32									
23	66		401.10		Mojave Water Agency	6	7	116	13,111			
		Check No. 66	403.41		Morongo 24" & 42" (T284)							
24	67	Mojave Siphon	405.48		Las Flores Ranch	482	7	116	3,300			
		Mojave Siphon Powerplant	405.65									
		Silverwood Lake	407.65		California State Park Silverwood (T288)							
			407.70		Crestline Lake Arrowhead Water Agency							
		San Bernardino Tunnel Intake										
25	68	Devil Canyon Powerplant	412.73			78,366	2/ 3,172	44,955	13,111			
		Devil Canyon Afterbay Control Structures			MWD-Rialto (T292 & T293)							
					Desert Water Agency (T293)							
					Coachella Valley WD (T293)							
					MWD EBX-1 (T290 & T291)							
26A	69	Santa Ana Valley Pipeline	412.88		East Branch Extension	3,172	2/ 3,172	44,955	13,111			
			425.46									
			433.06		MWD-SC Box Springs (T295)	10,014	7	3,810	10,014			
			440.05		MWD-SC Perris Bypass Pipeline (T296)							
			442.00		MWD-SC (T297)							
28G	28H	Lake Perris	443.44		MWD-SC 54" & 78" (T299)	24,002	7	218	24,002			
					Calif. State Park							
					Lake Perris Recreation (T298)							
					MWD Total:	144,053		144,053	0	0		

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Stream Flow.

2/ Includes 2,384 AF to San Gabriel Valley MWD, 693 AF to San Bernardino Valley MWD, and 95 AF to San Gorgonio Pass WA.

Table 32. Water Quality At Selected SWP Locations

September 2005

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO ₃	38	89	72	76	74	73	73	72	70
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Bromide	mg/l	<0.01	0.03	0.23	0.22	0.22	0.23	0.21	0.21	0.14
Calcium	mg/l	8	15	16	19	17	17	17	17	17
Carbon - Dissolved Organic	mg/l as C	NR	3	2	2	2	4	2	<0.5	3
Carbon - Total Organic	mg/l as C	NR	5	3	3	3	3	4	2	3
Chloride	mg/l	1	12	67	67	67	67	63	62	46
Chromium	mg/l	<0.001	<0.001	0.002	0.002	0.001	0.002	0.001	0.001	0.001
Copper	mg/l	<0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO ₃	32	83	85	97	88	88	88	88	84
Iron	mg/l	<0.005	<0.005	0.006	<0.005	0.114	<0.005	0.007	<0.005	0.010
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	11	11	12	11	11	11	11	10
Manganese	mg/l	<0.005	0.006	0.028	<0.005	0.009	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l as N	<0.01	0.09	0.30	NR	0.34	0.31	0.27	0.31	0.28
Phosphorus-Ortho	mg/l as P	<0.01	0.08	0.05	NR	0.07	0.06	<0.01	0.06	0.07
Phosphorus-Total	mg/l	<0.01	0.16	0.09	NR	0.08	0.08	0.09	0.07	0.09
Selenium	mg/l	<0.001	<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
Sodium	mg/l	3	16	42	44	42	42	40	40	34
Specific Conductance	µS/cm	76	241	392	429	403	396	398	387	348
Sulfate	mg/l	2	15	23	33	26	24	23	24	24
Total Dissolved Solids	mg/l	50	137	219	240	224	219	229	214.5	185
Turbidity	NTU	1	36	6	11	3	3	5	3	2
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

September 2005

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Rio Vista	Electrical Conductivity in milliSiemens/cm								Cl in mg/l		
			Net Delta Outflow Index			Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal		
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average		md	md	md	14dm	md	14dm	md	md	md		
38	1	3.36	1.49	4,978	4,978	9,552	2.43	7.96	0.69	0.57	0.88	0.77	0.34	0.47	0.30	64
	2	3.35	1.51	4,948	4,963	9,481	2.57	8.53	0.71	0.57	0.88	0.78	0.34	0.45	0.31	78
	3	3.24	1.38	5,824	5,250	10,060	2.36	8.23	0.65	0.56	0.94	0.80	0.34	0.47	0.33	78
	4	0.82	0.00	6,209	5,490	10,180	0.76	0.00	0.54	0.56	0.91	0.82	0.35	0.53	0.34	80
	5	2.71	1.15	6,390	5,670	10,300	2.05	6.94	0.44	0.55	0.85	0.83	0.36	0.58	0.34	80
	6	2.67	1.18	6,498	5,808	10,314	2.02	6.87	0.41	0.55	0.88	0.84	0.37	0.54	0.35	80
	7	2.81	1.20	6,519	5,909	10,116	1.97	7.13	0.38	0.53	0.91	0.85	0.37	0.54	0.35	80
	8	3.15	1.36	6,407	5,972	10,342	2.00	7.74	0.45	0.53	0.96	0.87	0.40	0.54	0.35	78
	9	3.29	1.42	6,039	5,979	10,059	2.30	7.90	0.48	0.53	0.94	0.88	0.40	0.54	0.34	76
	10	3.22	1.39	6,030	5,984	10,003	2.26	6.97	0.41	0.52	0.92	0.89	0.40	0.52	0.35	80
	11	3.37	1.38	6,598	6,040	10,300	2.25	6.86	0.49	0.52	0.92	0.89	0.40	0.49	0.34	80
	12	3.45	1.48	6,361	6,067	10,031	2.17	6.97	0.53	0.52	0.92	0.90	0.40	0.52	0.35	76
	13	3.52	1.49	6,572	6,106	10,115	2.10	6.86	0.52	0.52	0.92	0.91	0.40	0.53	0.35	76
	14	3.52	1.38	7,604	6,213	10,129	2.04	6.79	0.55	0.52	0.89	0.91	0.39	0.59	0.36	78
	15	3.38	1.23	7,743	6,315	10,285	1.89	6.04	0.48	0.50	0.84	0.91	0.39	0.62	0.35	78
	16	3.37	1.25	7,231	6,372	9,918	1.89	6.25	0.48	0.49	0.83	0.90	0.40	0.58	0.35	80
	17	3.13	1.11	7,009	6,409	9,784	1.77	5.79	0.43	0.47	0.80	0.89	0.40	0.61	0.35	84
	18	2.89	1.06	7,904	6,492	10,384	1.64	5.14	0.36	0.46	0.75	0.88	0.41	0.63	0.35	86
	19	2.77	0.99	8,269	6,586	10,359	1.57	5.01	0.33	0.45	0.73	0.87	0.32	0.63	0.34	88
	20	3.18	1.14	7,811	6,647	10,209	1.65	5.49	0.39	0.45	0.74	0.86	0.19	0.60	0.34	90
	21	3.13	1.20	6,583	6,644	9,664	1.63	5.30	0.37	0.45	0.72	0.85	0.40	0.60	0.34	92
	22	3.27	1.30	6,865	6,654	9,881	1.71	5.64	0.41	0.45	0.70	0.83	0.40	0.60	0.34	94
	23	3.40	1.51	6,699	6,656	9,855	1.88	6.63	0.47	0.44	0.75	0.82	0.39	0.59	0.34	94
	24	3.02	1.35	6,056	6,631	9,429	1.62	5.30	0.39	0.44	0.69	0.80	0.40	0.64	0.34	92
	25	2.76	1.25	6,472	6,625	9,673	1.49	5.00	0.37	0.43	0.70	0.78	0.38	0.68	0.33	100
	26	2.83	1.26	6,708	6,628	9,759	1.58	5.57	0.36	0.42	0.70	0.77	0.38	0.66	0.33	100
	27	2.48	1.07	6,788	6,634	9,872	1.49	5.61	0.34	0.41	0.66	0.75	0.35	0.65	0.33	100
	28	2.48	0.86	7,499	6,665	10,217	1.34	4.93	0.30	0.39	0.62	0.73	0.35	0.64	0.33	100
	29	2.54	0.88	6,963	6,675	10,165	1.44	5.18	0.31	0.38	0.63	0.72	0.35	0.65	0.29	105
	30	2.56	1.00	6,627	6,674	10,004	1.58	5.71	0.32	0.37	0.64	0.70	0.35	0.68	0.28	100

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

f = Excess Delta conditions with fish concerns.

N.R. = No Record.

r = Excess delta conditions with export/inflow ratio concerns.

N.C. = Not computed due to insufficient data.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

September 2005

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
NORTH BAY AQUEDUCT BARKER SLOUGH PUMPING PLANT	September 21, 2005	none	
HARVEY O.BANKS DELTA PUMPING PLANT	September 21, 2005	2,4-D	0.30
O'NIELL FOREBAY OUTLET CHECK 13	September 21, 2005	2,4-D	0.20
DELTA MENDOTA CANAL UPSTREAM OF McCABE ROAD	September 21, 2005	2,4-D	0.20
CALIFORNIA AQUEDUCT NEAR KETTLEMAN CITY (CK 21)	September 20, 2005	2,4-D	0.10
CALIFORNIA AQUEDUCT NEAR HYW 119 (CHECK 29)	September 20, 2005	Chlorpyrifos	0.01
CALIFORNIA AQUEDUCT AT TEHACHAPI AFTERBAY (CK 41)	September 20, 2005	none	
DEVIL CANYON HEAD WORKS	September 20, 2005	none	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)		September 2005						
Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	8,577,790	0	59,680	43,660	3,917,760	3,917,760	383,340	440
2	6,810,320	0	58,000	43,320	3,917,810	3,917,810	396,080	430
3	4,374,000	0	63,250	45,320	3,919,580	3,919,580	383,090	430
4	4,270,830	0	53,610	40,270	3,912,580	3,912,580	382,880	460
5	5,863,770	2,870	49,470	40,780	3,921,380	3,921,380	383,450	500
6	8,214,650	0	52,450	41,800	3,920,990	3,920,990	371,280	490
7	6,235,280	1,040	52,610	41,700	3,917,890	3,917,890	325,060	630
8	3,583,150	0	56,420	41,490	3,920,910	3,920,910	230,540	630
9	3,124,220	0	57,590	41,990	3,915,540	3,915,540	224,420	630
10	1,910,470	0	54,110	42,340	3,924,310	3,924,310	224,290	570
11	2,471,110	0	66,200	45,330	3,926,600	3,926,600	224,440	530
12	7,639,370	0	66,850	45,540	4,013,940	4,013,940	214,760	650
13	7,058,070	0	59,670	43,950	4,083,990	4,083,990	249,900	650
14	9,105,350	0	50,030	40,670	4,057,990	4,057,990	235,870	590
15	8,068,740	0	47,410	41,290	4,062,620	4,062,620	243,720	1,220
16	9,260,180	0	51,910	44,400	4,114,490	4,114,490	341,890	580
17	3,468,310	0	51,380	40,560	4,076,120	4,076,120	247,050	590
18	3,689,340	0	52,110	42,450	3,990,970	3,990,970	210,540	660
19	8,073,770	0	45,830	37,880	3,900,160	3,900,160	224,780	550
20	7,987,340	4,880	47,530	38,350	3,804,950	3,804,950	184,850	590
21	8,031,760	2,120	55,830	41,180	3,731,540	3,731,540	208,340	620
22	8,404,080	0	54,900	40,230	3,851,200	3,851,200	235,710	690
23	8,041,800	0	40,700	34,280	3,776,140	3,776,140	227,270	620
24	2,383,880	0	50,490	40,910	3,908,930	3,908,930	203,980	750
25	3,730,760	5,530	53,190	41,850	3,898,210	3,898,210	204,100	730
26	7,315,650	2,930	53,160	41,620	4,091,800	4,091,800	204,850	710
27	8,219,830	538,250	56,190	40,610	3,955,370	3,955,370	204,440	740
28	10,434,000	507,600	52,540	39,030	3,902,490	3,902,490	204,050	690
29	8,516,400	450,600	52,290	35,870	4,007,530	4,007,530	204,700	630
30	8,610,370	2,240	54,640	38,460	3,979,210	3,979,210	204,560	600
Total	193,474,590	1,518,060	1,620,040	1,237,130	118,323,000	118,323,000	7,784,230	18,600

Table 36. San Luis Field Division Energy Data

(in kWh)

September 2005

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,921,620	1,097,620	436,430	16,430	1,474,510	1,474,510
2	1,957,450	1,405,450	396,330	18,330	555,910	555,910
3	1,834,350	1,282,350	397,420	19,420	1,278,170	1,278,170
4	1,811,910	1,259,910	402,800	24,800	1,475,610	1,475,610
5	1,838,160	1,286,160	279,010	63,010	1,234,690	1,234,690
6	1,644,450	1,092,450	0	0	1,413,840	1,413,840
7	1,615,230	1,063,230	0	0	1,746,450	1,746,450
8	1,769,340	1,497,340	0	0	2,129,270	1,541,270
9	1,671,100	1,399,100	0	0	1,411,320	1,411,320
10	1,719,300	1,447,300	0	0	2,311,480	1,723,480
11	1,755,820	1,491,820	0	0	838,160	838,160
12	1,580,700	1,308,700	0	0	917,160	329,160
13	1,605,390	1,333,390	0	0	1,702,560	1,114,560
14	1,632,860	1,360,860	0	0	1,843,720	1,255,720
15	1,524,130	1,252,130	0	0	1,927,130	1,339,130
16	1,427,640	1,291,640	86,320	86,320	2,276,660	1,688,660
17	1,346,730	1,210,730	0	0	2,654,700	1,870,700
18	1,430,440	1,286,440	0	0	3,212,020	2,036,020
19	1,511,500	1,375,500	0	0	681,490	387,490
20	1,344,780	1,208,780	0	0	1,719,500	1,131,500
21	1,464,220	1,328,220	0	0	1,726,070	1,138,070
22	1,569,000	1,569,000	0	0	1,855,520	777,520
23	1,488,270	1,488,270	0	0	1,795,450	1,011,450
24	1,548,650	1,548,650	0	0	1,797,270	1,013,270
25	1,564,690	1,564,690	0	0	3,047,040	695,040
26	1,292,360	1,292,360	147,900	147,900	1,240,820	456,820
27	1,239,670	1,239,670	0	0	1,688,790	904,790
28	1,478,930	1,478,930	36,450	36,450	2,504,670	1,248,670
29	1,416,700	1,416,700	160,020	160,020	2,456,160	1,544,160
30	1,496,470	1,496,470	32,380	32,380	2,195,950	1,283,950
Total	47,501,860	40,373,860	2,375,060	605,060	53,112,090	35,920,090

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

September 2005

(in kWh)

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	35,140	92,760	75,790	73,670	75,000	1,334,190	1,341,860	2,899,260	10,607,600
2	35,860	94,320	81,190	79,100	80,110	1,278,760	1,353,950	2,969,100	10,761,550
3	47,140	123,390	75,090	73,450	74,220	1,361,850	1,437,250	3,166,090	11,455,240
4	36,840	97,430	94,550	90,900	94,050	1,555,560	1,660,100	3,716,350	13,745,430
5	32,040	81,730	72,200	68,610	73,300	1,551,390	1,728,290	3,799,710	14,022,960
6	30,360	79,520	61,690	58,360	62,240	1,222,660	1,269,910	2,744,220	9,717,000
7	26,890	70,170	75,030	71,450	72,050	1,258,750	1,305,770	2,855,080	10,340,970
8	29,920	77,430	80,720	78,950	80,390	1,301,310	1,334,580	2,882,460	10,221,960
9	26,720	69,390	82,180	80,200	80,330	1,287,260	1,307,070	2,835,240	10,348,320
10	32,890	87,530	73,660	71,300	72,620	1,246,410	1,345,860	2,952,260	10,848,920
11	31,120	80,700	79,190	75,910	80,160	1,624,100	1,766,800	3,929,860	14,323,580
12	24,860	62,420	55,620	51,920	54,500	1,374,870	1,506,020	3,322,740	12,214,420
13	33,890	87,800	72,670	69,480	72,380	1,459,110	1,543,590	3,352,400	12,216,720
14	34,280	90,780	79,270	76,900	78,300	1,417,870	1,478,520	3,221,970	11,886,450
15	29,480	82,030	67,170	64,160	65,350	1,354,070	1,475,360	3,276,300	11,824,140
16	28,290	71,610	76,420	74,450	76,030	1,114,140	1,102,970	2,404,080	8,779,400
17	38,450	101,940	74,710	70,980	72,660	970,650	1,075,000	2,362,870	8,459,780
18	26,470	69,910	92,480	89,620	92,720	1,153,610	1,210,390	2,690,660	10,010,410
19	17,230	44,720	48,810	45,860	49,240	1,044,220	1,141,110	2,515,780	9,308,550
20	18,210	48,340	56,610	53,970	55,920	1,153,470	1,205,550	2,604,540	9,444,330
21	25,120	62,390	94,550	92,650	91,950	1,201,080	1,240,580	2,696,740	9,609,410
22	24,150	61,570	69,320	66,890	67,870	1,189,050	1,244,860	2,743,850	10,078,700
23	25,060	64,810	78,120	75,680	78,480	1,269,460	1,306,400	2,858,420	10,397,000
24	29,890	75,800	71,220	68,490	70,720	1,242,160	1,313,250	2,939,800	10,804,350
25	21,530	57,920	94,060	89,260	93,660	1,292,730	1,425,020	3,227,690	11,790,360
26	17,880	43,420	58,540	55,970	59,120	1,189,130	1,280,660	2,840,360	10,508,000
27	18,020	47,140	65,830	63,110	64,500	1,305,750	1,395,860	3,068,770	11,088,700
28	20,120	51,290	52,330	50,040	52,570	1,263,230	1,332,750	2,925,910	10,881,030
29	22,150	55,680	58,180	54,730	57,640	1,152,530	1,230,140	2,752,190	9,836,320
30	26,820	69,450	65,380	61,670	64,500	1,177,730	1,269,190	2,807,460	10,213,990
Total	846,820	2,203,390	2,182,580	2,097,730	2,162,580	38,347,100	40,628,660	89,362,160	325,745,590

Table 38. Southern Field Division Energy Data

(in kWh)

September 2005

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation 1/	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	379,327	923,390	1,680,000	335,285	1,929,322	3,258,347	216,327	19,348	21,421	1,294
2	384,089	1,101,370	1,680,000	347,320	1,918,046	3,607,081	239,933	14,359	16,400	1,107
3	539,941	1,398,400	1,680,000	314,191	1,706,132	3,081,201	180,182	1,679	665	553
4	700,950	1,296,460	1,680,000	352,680	1,985,065	3,382,575	232,892	1,660	655	563
5	561,396	905,700	1,440,000	399,871	2,423,739	3,173,101	289,330	1,640	645	572
6	366,000	900,710	1,440,000	291,248	1,793,838	3,318,691	191,950	16,500	14,952	1,266
7	386,644	898,400	1,440,000	317,692	1,788,604	3,213,044	212,955	18,484	21,530	1,294
8	414,446	900,170	1,440,000	289,201	1,813,779	3,304,668	191,653	18,552	22,056	1,322
9	385,228	891,390	1,440,000	310,957	1,776,171	3,198,062	205,251	18,091	21,510	1,172
10	362,386	523,660	1,440,000	345,639	2,032,772	3,239,784	229,074	1,454	585	431
11	765,752	1,304,920	1,440,000	348,428	2,084,526	3,107,654	245,392	1,424	575	422
12	675,762	1,816,070	1,800,000	294,442	1,701,805	3,057,615	191,001	37,596	38,377	1,810
13	675,030	1,806,420	1,800,000	287,431	1,606,221	3,362,747	189,508	24,956	21,500	2,063
14	665,158	1,766,420	1,800,000	280,034	1,585,155	3,206,270	165,506	9,546	566	1,941
15	659,792	1,763,000	1,800,000	292,939	1,778,853	3,097,933	206,636	0	0	0
16	288,327	4,620	1,800,000	307,071	1,503,569	3,248,774	169,235	9,232	9,158	938
17	276,079	0	1,800,000	301,790	1,739,163	2,999,674	194,511	1,434	566	422
18	353,446	0	0	326,315	1,930,090	3,229,480	225,663	1,473	575	441
19	352,149	1,113,010	0	284,958	1,634,417	3,289,310	182,526	14,467	12,541	938
20	347,713	1,084,260	1,800,000	289,676	1,646,720	3,213,202	184,978	1,532	595	497
21	460,257	1,083,750	2,160,000	284,444	1,692,094	3,106,883	178,155	17,482	19,903	460
22	457,861	1,082,510	2,160,000	272,458	1,542,413	2,830,172	200,020	1,552	595	544
23	450,099	1,096,860	2,160,000	318,394	1,663,888	2,814,023	166,505	17,187	21,361	469
24	484,257	1,102,500	2,160,000	317,662	1,765,424	3,165,595	200,218	1,424	585	431
25	574,980	1,083,360	2,160,000	327,195	1,927,587	2,809,751	229,440	1,454	566	422
26	521,535	1,322,620	2,160,000	307,140	1,804,885	3,283,683	200,811	17,560	21,857	1,970
27	550,762	1,388,280	2,160,000	309,474	1,502,871	3,073,803	182,288	1,532	605	1,219
28	592,782	1,256,230	2,160,000	292,514	1,613,051	3,119,324	187,777	18,415	21,014	1,294
29	546,693	1,349,540	2,160,000	260,473	1,312,941	3,242,385	146,123	1,699	645	1,557
30	549,634	1,326,320	2,160,000	287,599	1,383,280	3,320,184	146,173	18,454	19,933	1,594
Total	14,728,475	32,490,340	51,000,000	9,294,521	52,586,421	95,355,014	5,982,011	310,185	311,936	29,010

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations